

Serial No. 10/720,393

Docket No. K-0563

Amdt. dated PROPOSED

Reply to Office Action of December 13, 2006

Amendments to the Abstract:

~~Disclosed is an apparatus~~A system for controlling a door of a drum type washing machine ~~and method thereof.~~ The present invention~~is provided.~~ This system allows the door to be opened only if there ~~exists~~is no water in the washing tub, or if the water level in the tub is very low, ~~by which water is prevented so as to prevent water in the tub from cascading out of the washing machine when the door is opened.~~ The present invention~~includes the steps of sensing a~~water level in the washing tub is sensed, comparing and the sensed water level is compared to a reference, ~~and locking or unlocking the door according to a result of the comparing step~~ and the reference water level. The door is locked or unlocked based on the comparison of the sensed water level ~~and the reference water level.~~